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Pre Amend  
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JJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** Juliana H. J. Brooks  
Albert E. Abel

**Title:** Methods For Using Resonant Acoustic And/Or Resonant Acousto-EM  
Energy To Detect And/Or Effect Structures

**Serial No.:** 09/786,794

**Date Filed:** March 8, 2001

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**PRELIMINARY AMENDMENT**

The Assistant Commissioner for Patents  
Washington, DC 20231

Honorable Sir:

Prior to examining the above-identified Application on its merits, please amend the Application as follows:

Please cancel original claims 1 – 44 without prejudice or disclaimer.

Please substitute newly added claims 45-141. Applicants have provided a new set of claims to the Examiner to simplify the examination process. Specifically, while many of the “newly added” claims are substantially the same as originally pending claims 1- 44, the ordering and grouping of the claims has been changed.

CERTIFICATE OF MAILING  
37 CFR 1.8

I hereby certify that this transmittal is being deposited with the U. S. Postal Service as First Class Mail in an envelope addressed to:  
The Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

Date: 8/14/2001  
August 14, 2001

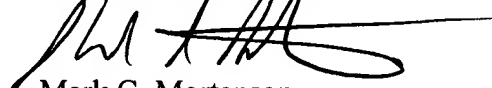
Signature:

Deborah A. Facciolo

Also attached to the Preliminary Amendment, please find a Supplemental Information Disclosure Statement with attached references.

Should the Examiner have any questions regarding any of these documents, the Examiner is invited to telephone Applicants' undersigned representative.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark G. Mortenson', with a long horizontal flourish extending to the right.

Mark G. Mortenson

Reg. No. 31,182

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